Weekly Metrics for May 25 - 31, 2003

Mission (Launch Date)	Instrument	Category	Data Center	RQMTS (GB)	Requirements * Multiplier	Actual (GB)	Footnote
SORCE (1/03)	TIM/SIM/ SOLSTICE/ XPS	L0 Ingest	GES DAAC	0.9	1x Baseline	0.8	A
		Archive	GES DAAC	0.9	1x Baseline	0.8	A
ICESat (1/03)	GLAS	L0 Ingest	NSIDC	41	1x Baseline	15	W
		Archive	NSIDC	41	1x Baseline	15	W
Aqua (5/02)	AIRS/ AMSU/ HSB	L0 Ingest	GES DAAC	98	1x Baseline	92	U
		L1 Prod	GES DAAC	807	Various	362	U
		L2 - 3 Prod	GES DAAC	107	2.03x Baseline	74	U
		Archive	GES DAAC	1,012	Various	529	U
		Distribution	GES DAAC				
		Testing/QA		99	IT Requirements	0	
		Production				97	
		End users		471	Various	11	
		Data Pool				1,100	V
	AMSR-E	L0 Ingest	NSIDC	10	1x Baseline	6	B
		L1 Ingest	NSIDC	9	Various	0.1	B, C
		L2-L3 Prod	GHRC	38	2.03x Baseline	0.5	C
		Archive	NSIDC	67	Baseline	7	C
		Distribution	NSIDC				
		Production				7	
		End Users		35	1.015x Baseline	0.08	C, G
	CERES	Archive	ASDC	169	Various	Included	
		Distribution	ASDC			In	See
		Testing/QA		1,421	IT Requirements	Terra	Footnote S
		End Users		109	1.015x Baseline	CERES	
	MODIS	L0 Ingest	GES DAAC	518	1x Baseline	513	
		L1 Prod	GES DAAC	5,047	Various	2,422	M
		L2-L4 Prod	MODAPS	6,395	2.03x Baseline	4,659	M, R
		Archive	LP DAAC	3,516	Various	2,975	M, R
			GES DAAC	8,015	Various	4,517	M, R
			NSIDC	426	Various	101	M, R
		Distribution	GES DAAC				
		Testing/QA		362	IT Requirements	458	
		To MODAPS/LaRC				2,480	
		End Users		4,157	1.015x Baseline	166	G
		Data Pool				97	V
METEOR 3M (12/01)	SAGE III	Archive	ASDC	0.9	Various	0	D
		Distribution	ASDC				
		Production				0	
		End Users		0.02	1.015x Baseline	6	
ACRIMSAT (12/99)	ACRIM 3	Archive	ASDC	1	1x Baseline	0	D
	ASTER	L1A Ingest	LP DAAC	680	1x Baseline	335	E
		L1B Ingest	LP DAAC	271	1.015 Baseline	55	E
		L2-L3 Prod	LP DAAC	1,221	3.045x Baseline	111	E
		Archive	LP DAAC	2,173	Various	502	E
		Distribution	LP DAAC				
		End Users		1,221	1.015x Baseline	1,288	G, O, P
	CERES	Archive	ASDC	357	Various	220	S
		Distribution	ASDC				
		Testing/QA		1,421	IT Requirements	124	
		End Users		119	1.015x Baseline	63	G, O
	MISR	L0 Ingest	ASDC	249	1x Baseline	250	

		L1 Prod	ASDC	3,359	Various	4,820	F
		L2-L3 Prod	ASDC	285	3.045x Baseline	297	F
		Archive	ASDC	3,894	Various	5,368	F
		Distribution	ASDC				
		Testing/QA		137	IT Requirements	61	
		Production				1,940	
		End Users		1,215	1.015x Baseline	2,412	G, O
Terra	MODIS	L0 Ingest	GES DAAC	518	1x Baseline	534	
(12/99)		L1 Prod	GES DAAC	7,570	Various	3,358	M
		L2-L4 Prod	MODAPS	12,789	3.045x Baseline	11,137	Q, T
		Archive	LP DAAC	7,034	Various (L2-L4)	8,960	
			GES DAAC	12,990	Various (L0-L4)	5,718	I, Q
			PO DAAC	0	Various (L2-L3)	32	
			NSIDC	853	Various (L2-L3)	357	I, Q
		Distribution	LP DAAC				
		End Users		2,345	1.015x Baseline	1,083	G, O
		Distribution	GES DAAC				
		Testing/QA		362	IT Requirements	611	G
		To MODAPS/LaRC				9,287	
		End users		4,157	1.015x Baseline	2,622	
		Data Pool				80	V
		Distribution	PO DAAC				
		End Users		0	Baseline	0	
		Distribution	NSIDC				
		End Users		284	1x Baseline	115	G, O
	MOPITT	L0 Ingest	ASDC	2	1x Baseline	2	
		L1 Prod	SIPS	2	Various	1	
		L2 Prod	SIPS	2	3.045x Baseline	29	J
		Archive	ASDC	6	Various	32	J
		Distribution	ASDC				
		Production				4	
		End Users		1	1.015x Baseline	49	G, O
Landsat-7	ETM+	Archive	LP DAAC	1,092	250 Scenes	1,059	
(4/99)		Distribution	LP DAAC	58	ECS ICD	51	
Jason-1	Poseidon 2	Archive (L0+)	PO DAAC			2	
(12/01)		Distribution	PO DAAC	NA	NA	11	K
QuikScat	SeaWinds	Archive (L0+)	PO DAAC			21	
(6/99)		Distribution	PO DAAC	109	Weekly Average	315	K
TOPEX	Poseidon	Archive (L1+)	PO DAAC			63	
(8/92)		Distribution	PO DAAC	24	Weekly Average	70	K
Other	AVHRR	Archive (L2+)	PO DAAC			63	
Missions		Distribution	PO DAAC	NA	NA	88	L

Notes:

A. Required and actual data volumes are for L0 products only. Higher-level product has not been produced yet.
B. The actual L0 data rate from AMSR-E is 6.6 GB/week. This is lower than ESDIS baseline requirement. Updating of the baselined requirement is in process.
C. Regular delivery of AMSR-E data to US science team is expected to occur around June 11, 2003.
D. Data from this instrument is not transmitted to DAAC daily.
E. Volumes of ASTER L1A and L1B products are a function of production at ERSDAC in Japan. L1A and L1B volumes include the expedited data sets generated at LP DAAC. ASTER L2 products are produced on demand, and the actual volumes may be significantly different from requirements.
F. Includes the reprocessed data , in addition to the current data.
G. Distribution requirements represent the delivered capacity for distribution. Because distribution is based on user orders, the actual distribution volumes may be significantly different from the available capacity.
I. Ingest/archival of MODIS L2+ products is dependent on MODAPS reprocessing schedule.
J. Includes reprocessed L2 products received from MOPITT SIPS.
K. Distribution requirements are weekly averages of media distribution volumes based on subscriptions for a full year.
L. Includes distribution of educational materials, in addition to AVHRR SST products.
M. Very little reprocessing was done during this reporting period.

N. Does not include distribution by subsetting tool.
O. Does not include distribution by data pool.
P. Orders have decreased sharply with the advent of charging for low-level ASTER data.
Q. Values reported here represent what have been archived at DAACs. MODAPS production may be higher.
R. Ingest/archival of MODIS L2+ products are dependent on MODAPS processing schedule.
S. Actual archival volume represents a total for 3 missions (TRMM, Terra, and Aqua).
T. With the completion of the reprocessing of ocean products, only atmospheric and land products were reprocessed.
U. HSB is still in survival mode. Reprocessing hasn't started yet.
V. Total amount of data distributed through Data Pool. Due to unavailability of user characteristics, further breakdown by user category (e.g., data producers, end users) is not possible at this time.
W. Laser #1 was shut down on March 19. The replacement laser is not expected to be turned on until mid-June and science data won't be available to users until September 2003.

* Baseline requirements refer to the May 2003 EOSDIS technical baseline. The QA requirements for distribution are the Level 2 requirements based on inputs from instrument teams (ITs). The requirements multipliers are ramp-up factors to account for forward processing and reprocessing. They varies, depending on processing level and launch date. Ramp-up factors used in this table are:

Processing Level	1st year after launch	2nd year	Launch+2 or more year
L0	1	1	1
L1A	1	2	3
L1B	1.015	2x1.015	3x1.015
L2-4	0.5*1.015	1.5*1.015	3*1.015

Please note that browse data volumes for L1B-L4 products are assumed to be 1.5% of product volumes.